

20010304.qrp v02_n116.qrl.20010304

Date: Sun, 4 Mar 2001 19:03:08 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2116

QRP-L Digest 2116

Topics covered in this issue include:

- 1) [93141] re fox manners
by Pete Burbank <plburbank@kih.net>
- 2) [93142] 9M0M Spratly IS
by "Floyd Smithberg" <flydnq7x@primenet.com>
- 3) [93143] PSK31 Beacon
by "Richard Matthews" <prm@hiwaay.net>
- 4) [93144] YV5DTJ on 14.036 @ 0107Z
by david gauding <david.gauding@bbs.galilei.com>
- 5) [93145] BRUCE (VE5RC)....SURGERY REPORT
by Earl Murphy <earlmurf@telusplanet.net>
- 6) [93146] Re: Question about batteries for field use
by rich a <rckchp@home.com>
- 7) [93147] Re: Fox and the Lid
by Jim Lowman <jmlowman@ix.netcom.com>
- 8) [93148] K-1 is gone... FT-817 is here (long)
by John Wagner <john@neknetwork.com>
- 9) [93149] Re: Fox and the Lid
by KB7WW Art Moe <kb7ww@chatusa.com>
- 10) [93150] Re: SMT to DIP/Manhattan Adaptors
by Dan Puckett <dpuckett@graphtronics.net>
- 11) [93151] PSK31 Beacon: 40 meter
by "Richard Matthews" <prm@hiwaay.net>
- 12) [93152] ZM-2 Tuner
by tailfeathers@juno.com
- 13) [93153] Amidon Associates
by Ken Brown <n4so@juno.com>
- 14) [93154] Re: ZM-2 Tuner
by tailfeathers@juno.com
- 15) [93155] Re: ZM-2 Tuner
by tailfeathers@juno.com
- 16) [93156] 9A2YM 5w on 30m
by John Wagner <john@neknetwork.com>
- 17) [93157] stupid STUPID Karl!
by "Karl F. Larsen" <k5di@zianet.com>
- 18) [93158] Re: (no subject)
by "Karl F. Larsen" <k5di@zianet.com>
- 19) [93159] KH7Z on 14.291 @ 0415Z

by david gauding <david.gauding@bbs.galilei.com>

20) [93160] Re: Question about batteries for field use
by "Karl F. Larsen" <k5di@zianet.com>

21) [93161] PJ4G on 14.291 @ 0428Z
by david gauding <david.gauding@bbs.galilei.com>

22) [93162] Re: stupid STUPID Karl!
by "Larry Wise" <lewise@txwises.com>

23) [93163] Re: Question about batteries for field use
by K4IA@aol.com

24) [93164] KH7Z is a KH6!!
by david gauding <david.gauding@bbs.galilei.com>

25) [93165] Re: Fox and the Lid
by "George, W5YR" <w5yr@att.net>

26) [93166] "Pending DX Vacation/ "Newbie" thought's ES WANTED:
Publication's.....!!
by "GM0NWI" <GM0NWI@btinternet.com>

27) [93167] Re: QRP rig problem (was no subject)
by "Leon Heller" <leon_heller@hotmail.com>

28) [93168] Re: stupid STUPID Karl!
by "Chuck Carpenter" <w5usj@globeco.net>

29) [93169] SA602AN Philips Semi.
by Ken Brown <n4so@juno.com>

30) [93170] Re: Question about batteries for field use
by "Dave Marling" <dbm@klis.com>

31) [93171] QRP for sale
by K4NK@aol.com

32) [93172] Six-Pack Universal Transmitter Fun on 20 Meters
by "Ted Albert" <ted.albert@worldnet.att.net>

33) [93173] re: D68C QRPP - information sought (pse)
by Jim Hale <kj5tf@yahoo.com>

34) [93174] (no subject)
by AC5YU@cs.com

35) [93175] Re: Question about batteries for field use
by Bruce Grubbs <n7ceeqrp@earthlink.net>

36) [93176] Thanks for the battery information and Summary
by Jeff Grudin <grudin@vdb.com>

37) [93177] Re: Toroid L and LC Meter IIB [longish]
by Pete Burbank <plburbank@kih.net>

38) [93178] RESISTOR INFO
by RangerSF5@aol.com

39) [93179] For Sale
by Michael Goins <mgoins@usa.net>

40) [93180] diode cross referance
by KB7WW Art Moe <kb7ww@chatusa.com>

41) [93181] RadioShack.com Battery 1.3Ahr Experiment
by "Chuck Adams, K7Q0" <k7qo@primenet.com>

42) [93182] FS: NC-20
by "Alan Fryer" <qrpdx@earthlink.net>

- 43) [93183] Straight Key Question
by Pete Burbank <plburbank@kih.net>
- 44) [93184] Re: Question about batteries for field use (a little long)
by Rick Sealey <rsealey@northstate.net>
- 45) [93185] Re: Question about batteries for field use (a little long)
by "Rod Cercone" <n0rc@hotmail.com>
- 46) [93186] Re: Another question about batteries for field use
by John Harper AE5X <ae5x@qsl.net>
- 47) [93187] TenTec KR-50 keyer and other TenTec items FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>
- 48) [93188] Closing down QRPCC-Service from me
by mike.mhe@t-online.de (Michael Haugrund)
- 49) [93189] 100th country for 40m DXCC this season - 42% QRP
by John Harper AE5X <ae5x@qsl.net>
- 50) [93190] K1 #593 Lives
by "John J. McDonough" <wb8rcr@arrl.net>
- 51) [93191] QRP For Sale
by "J. Ervin Bates" <w8erv@earthlink.net>
- 52) [93192] Re: Need to borrow a St. Louis Tuner
by Joseph I Pirkle <ad4ih@juno.com>
- 53) [93193] Re: Amidon Associates
by "Tracy" <tracy@bytemark.com>
- 54) [93194] WTB 3/4-16 chuck
by n2go@arrl.net
- 55) [93195] FIDM schedule
by David Kidd <ka7ozo@pacifier.com>
- 56) [93196] 5BWAS/QRP - Done!
by "Tom" <n1tp@worldnet.att.net>
- 57) [93197] Re: Question about batteries for field use (a little long)
by "Rod Cercone" <n0rc@hotmail.com>
- 58) [93198] QRP Cheating
by "Karl F. Larsen" <k5di@zianet.com>
- 59) [93199] Re: 5BWAS/QRP - Done!
by "Chuck Carpenter" <w5usj@globeco.net>
- 60) [93200] Re: Another question about batteries for field use
by Larry S Cahoon <wd3p@juno.com>
- 61) [93201] Did you QRP homebrewers know..
by K5BDZ@aol.com
- 62) [93202] Re: Another question about batteries for field use
by "Rod, N0RC" <n0rc@hotmail.com>
- 63) [93203] FOX: Results to date, more or less
by "Marshall Emm" <mgemm@mtechnologies.com>
- 64) [93204] Re: QRP Cheating
by Fred Lesnick <flesnick@tbaytel.net>
- 65) [93205] Mini-Paddle Page update
by Johannes Hiller <HANNES@ulmnetz.de>
- 66) [93206] PSK Beacon
by "Richard Matthews" <prm@hiwaay.net>

Date: Sat, 03 Mar 2001 19:04:39 -0500
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [93141] re fox manners
Message-ID: <5.0.2.1.0.20010303184823.00a7dd10@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I would much prefer checking the Fox log (and knowing that I'm not in it because I only sent my call once) to being a pest to everyone by calling many times.

Even with good QSK you can wipe a couple characters.

I'd rather have a chat with a gentle human being on the ham bands than a WINNER. (OOF OOF OOF....what's the point?)

Nomex suit on

73 Pete NV4V

Date: Sat, 3 Mar 2001 17:21:26 -0700
From: "Floyd Smithberg" <flydnq7x@primenet.com>
To: "QRP-L Message" <qrp-l@Lehigh.edu>
Subject: [93142] 9M0M Spratly IS
Message-ID: <005a01c0a441\$2078efc0\$cb1ad440@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just worked them on ~28695 SSB 5W 0008 UTC

73 Floyd NQ7X Phoenix,AZ ScQRPion DM33uq

Date: Sun, 4 Mar 2001 00:38:30 -0000
From: "Richard Matthews" <prm@hiwaay.net>
To: "q" <qrp-l@Lehigh.edu>
Subject: [93143] PSK31 Beacon
Message-ID: <000701c0a443\$758b4740\$6f85150c@scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you are in the shack tonight and can receive PSK31 please listen for my QRP 500 milliwatt PSK#! beacon on 20 meters at 14070.5. please send an email report if you can print me.

73,

Richard, WA4NWW having fun with his Yaesu FT-817

Date: Sat, 03 Mar 2001 19:03:09 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Subject: [93144] YV5DTJ on 14.036 @ 0107Z
Message-ID: <5.0.2.1.0.20010303190008.00a75920@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

YV5DTJ on 14.036 @ 0107Z

579 into Midwest. Gave me an honest 528! FB op, very patient. Jose in Caracas.

Rig Corsair I and 2W to St. Louis Quickie vertical.

Good luck!

de Dave, NF0R nf0r@slacc.com

Date: Sat, 03 Mar 2001 18:15:45 -0600
From: Earl Murphy <earlmurf@telusplanet.net>
To: QRP-CANADA <qrp-canada@lists.gpfn.sk.ca>, QRP-L <qrp-l@lehigh.edu>
Subject: [93145] BRUCE (VE5RC)....SURGERY REPORT
Message-ID: <3AA18931.B0A19CE9@telusplanet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang:

I'm pleased to announce that Bruce (VE5RC) underwent heart surgery Friday, and is now recovering and will be released from ICU to a ward this evening. Bruce had 6(six) bypasses. Imagine they've had him up and

walking already.

Must have been all the good wishes from the Gang, and perhaps all that "hair shaving" that pulled him throughI know he'll want to have a few words with nurse again :)

So, he'll be in for a spell yet, and I hope everything continues to improve. Thanks-you all for your prayers Gang. Can't wait to here ...- .
..... -. -. in the Fox Hunts again.

72.....Earl (VA6RF)

Date: Sat, 03 Mar 2001 20:50:27 -0500
From: rich a <rckchp@home.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [93146] Re: Question about batteries for field use
Message-ID: <3AA19F63.671A8AF6@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Karl F. Larsen" wrote:

>

> In the wilderness you can't re-charge a battery.....

Not quite true. I once met a ham who was backpacking with a small solar panel fixed on the top of his pack, which was recharging his qrp rig batteries while he hiked. It can be done.

Regards,

Rich KB2CPE

Date: Sat, 03 Mar 2001 17:55:53 -0800
From: Jim Lowman <jmlowman@ix.netcom.com>
To: w5yr@att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [93147] Re: Fox and the Lid
Message-ID: <3AA1A0A9.90CC4FF1@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George, I'm sure that someone will correct me if I'm wrong on this, but I believe that one must still hold an Extra Class license to get a 1x2 vanity callsign today...assuming that any such callsigns are still available.

72 de Jim - AD6CW

"George, W5YR" wrote:

> I have to take issue with the conclusion that a 1x2 call automatically
> means "extra class." Many of us, especially we old coots that have 1x2
> original calls, do have Extras, mine since 1954, but nowadays with vanity
> calls available, any call could accompany any license class at any
> geographical location. That also matches my other pet peeve urban legend
> that all the trash talkers on 75 meters hold Extras. Actually, very few of
> them do, and the Extra band is from 3750 to 3775. Not much trash-talking
> down there . . .

Date: Sat, 03 Mar 2001 20:58:53 -0500
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [93148] K-1 is gone... FT-817 is here (long)
Message-ID: <3AA1A15D.F2F73345@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This past Weds I learned of a used FT-817 w/500hz filter being offered for a good price. The ham offering it was a "1" call, so I looked him up on QRZ.COM and lo-and-behold, he lives less than 20 miles from me (this is actually amazing, I live in the boonies of N.VT). I had a minor problem of not having any "mad money" on hand, but that didn't stop me from contacting him...

The gentlemen replied back that he still had the radio, it was about 4 weeks old - reason for selling was that it just didn't have enough power for what he wanted to do. Seemed like a good enough reason...

You might recall that I recently sold a Norcal 20 here on this list to finance the purchase of a KAT1 for my K-1. Well, if I took the money from that sale, and sold the K-1... I would be getting close (not too close, but closer) to what I needed for that FT-817. So, a bit of "creative" financial fiddling later, I had the cash... and yes, regretfully I sold my beloved K-1. It went to a good home and I know it

will get used. I also have a promise that if it is ever to come up for sale that I get first crack at buying it back. Another funny thing is I get the impression that wheelin' and dealin' ham equipment to buy more ham equipment is a whole 'nother sub-part of this hobby. ;)

I picked up the FT-817 this afternoon. First impression was that there is no way that much radio can fit into that small a case. It is *small*, about the size of my mobile 2m rig (an Icom 2100H) - actually it looks a little smaller. To quote Brian, N1BQ "it covers DC to light" - 160m to 440Mhz is more like it, but I like his description better. Modes supported are LSB, USB, CW, CWR, AM, FM, DIG (Digital) and PKT (Packet). I'm most concerned about CW as that's what I usually operate. Interestingly, the CW mode is on the USB side of the signal on all bands, while CWR (CW Reverse) is on the LSB side. I was under the impression that "normal" CW mode is on the LSB side, at least it is on my IC-746.

The FT-817 remembers what mode you have set on a per-band basis, and I think the memories remember as well. I don't typically use the memories on HF radios, so I haven't really investigated. I did program one 2m repeater into memory though (more on that in a minute).

I found the initial operation fairly straightforward, but did crack the manual and run through some of the configuration settings to make sure it was setup correctly. The first thing I noticed is there are *A LOT* of options available! This is quite literally a big radio stuffed into a small package. Initially I found these options confusing as most of them are identified by a three letter abbreviation that wasn't immediately obvious. A trip the manual (which is well organized) revealed their meaning.

Initial QSO's were made on 20m; G3PNH, Benard in Wiltshire and F5PWJ, Roger (exact QTH was QSB'ed, but I'm assuming somewhere in France). Both gave me a 579. F5PWJ was a 559 here with bad QSB. Both were made at 5w to a 80m full wave horz loop. I found the rcvr end to be pretty good. Not amazing, but pretty good.

Next up was the KB1BRN repeater (FM, about 25 miles to the south). Using a homebrew 2 meter beam on my roof I had no problem at all hitting the repeater and having a nice QSO with K4STR. Corky said the audio quality was good. He also mentioned that he had won the PSK-80 at the Milton hamfest last week, so we talked about that a bit.

Since my XYL is over at her moms this evening, I had a nice long sit-down dinner with the FT-817 manual and read it cover to cover. The operation now seems less cryptic then before, but I am still amazed at all the stuff crammed into this little radio. Finding the options seems straight forward and operating a split seems to be easy enough. I'm

going to give it a try in the fox hunts this week. I'm also up as the cub fox weds night, so I'll use the radio then.

Other comments; The CW filter is a must. I'm glad this one had it installed. The power draw specs call for 450ma and 2amp on transmit - ouch. At the moment I've got the rig hooked up to my shack power supply. For portable ops I've got two 4.5amp/hour gel cells - how long they last will prove interesting. I can't imagine loading this rig up with 8AA alkalines like it calls for, I think it would eat 'em pretty quickly.

Couple of wishes; Wish it had a couple of keyer memories, seems silly that it doesn't. Wish it had an automatic antenna tuner option, would be handy. Also wish the mic and keyer plugged in the front instead of the side and rear (respectively). One downside to this radio is the recessed buttons/knobs, people with big hands/fingers WILL NOT like operating this radio.

Overall first impressions however are good. I will again mention that I'm amazed there is this much radio in such a small package. Yes, I think I'll eventually buy another K-1, but overall I'm glad I had the opportunity to get the FT-817.

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Sun, 02 Mar 2008 18:01:03 -0800
From: KB7WW Art Moe <kb7ww@chatusa.com>
To: jmlowman@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [93149] Re: Fox and the Lid
Message-ID: <47CB5BDF.FF43A847@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No one that had a old 1X2 had to turn it in so there may be more out there than one might think. Why dosen't someone who knows the call simply look it up and let us all know.

Jim Lowman wrote:

>

> George, I'm sure that someone will correct me if I'm wrong on this, but I
> believe that one must still hold an Extra Class license to get a 1x2
> vanity callsign today...assuming that any such callsigns are still
> available.
>
> 72 de Jim - AD6CW
>
> "George, W5YR" wrote:
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> > I have to take issue with the conclusion that a 1x2 call automatically
> > means "extra class." Many of us, especially we old coots that have 1x2
> > original calls, do have Extras, mine since 1954, but nowadays with vanity
> > calls available, any call could accompany any license class at any
> > geographical location. That also matches my other pet peeve urban legend
> > that all the trash talkers on 75 meters hold Extras. Actually, very few of
> > them do, and the Extra band is from 3750 to 3775. Not much trash-talking
> > down there . . .

Date: Sat, 03 Mar 2001 21:02:52 -0500
From: Dan Puckett <dpuckett@graphtronics.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [93150] Re: SMT to DIP/Manhattan Adaptors
Message-ID: <3AA1A24C.D838D3B9@graphtronics.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My biggest gripe about these things, at least the Surfboards, is they don't do what I need. I have a DDS chip sitting in it's packing tube because I don't have a good way to mount it. It's leads are .0256" on center. The Surfboards are .05" on center. No help at all.

What I'm going to try is to make a board. The plan is to fire up AutoCad and draw a series of lines .0256" apart. I'll print it real size. Tape it to a small bit of PC blank and run a sharp knife along the lines. If I'm careful and use a straight edge, I'll get some lands to solder the chip to. The whole thing can be glued to the the PC board I'm building my DDS on. I'll use wirewrap wire (30 gauge stuff) to connect the little board to the big one.

Any other suggestions out there?

73 all

Dan WD8AAU "Bash Bits"

Date: Sun, 4 Mar 2001 02:19:16 -0000
From: "Richard Matthews" <prm@hiwaay.net>
To: "q" <qrp-1@Lehigh.edu>
Subject: [93151] PSK31 Beacon: 40 meter
Message-ID: <004e01c0a451\$842fb840\$6f85150c@scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have moved my PSK31 beacon to 40 meters after 20 meters dropped out. I am running 300 milliwatts into an 80 meter full wave loop. The beacon is at 7077khz. there are contesting SSB stations all around so I may be covered. Please email if you copy my QRP beacon.

TNX 73,

Richard , WA4NWW

Date: Sat, 3 Mar 2001 21:43:16 -0500
From: tailfeathers@juno.com
To: qrp-1@Lehigh.EDU
Subject: [93152] ZM-2 Tuner
Message-ID: <20010303.214317.-401295.4.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just finished my ZM-2 I got for Christmas but.....It doesn't work. I have compared it to pics on Emtech's web page and the instruction sheet and the only difference is in how I may have twisted some of the wire. Were there any glitches in the instructions I may have not heard about? It lights up but will not dim at all. I'm sure it's something I am over looking.

Gary
n8gsj

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 3 Mar 2001 14:36:56 -0600
From: Ken Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [93153] Amidon Associates
Message-ID: <20010303.210540.14462.2.n4so@juno.com>

amidon.txt

AMIDON ASSOCIATES
PO Box 25867
Santa Ana, CA 92799
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Tel 714-547-4494
fax 714-547-4433

www.amidoncorp.com

CQ Amateur Radio Jan. 2001 page 35.

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi
Elecraft K1 #260

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Date: Sat, 3 Mar 2001 22:18:06 -0500
From: tailfeathers@juno.com
To: prm@hiwaay.net
Cc: qrp-l@lehigh.edu
Subject: [93154] Re: ZM-2 Tuner
Message-ID: <20010303.221807.-401295.5.tailfeathers@juno.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here's a little more info. I built a 1380 last year and when it is on a bad match the side tone gets raspy sounding. When I had the ZM-2 in line and would adjust it the tone would go from raspy to a nice tone. I suspect the tuner is working and the led circuit is where the problem is.

Gary
n8gsj

> The LED will go completely out at correct tune . . if the ant is
> tunable.
> Richard, WA4NWW

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Date: Sat, 3 Mar 2001 22:35:57 -0500
From: tailfeathers@juno.com
To: bmurrey@amexol.net
Cc: qrp-l@lehigh.edu
Subject: [93155] Re: ZM-2 Tuner
Message-ID: <20010303.223558.-401295.6.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am tuning coax that has a very good match to start with. I had to do other things this evening and haven't tried a swr yet. I'll check it out.
Gary

> Are you trying to tune coax or twin lead?
>
> The tuning on it is VERY sharp. YOU can pass up the null very easily
> if
> you're not watching real close.
>
> Have you tried an SWR meter in line with it to see if it is making

> any kind
> of change in the antenna?
>
>
> ----- Original Message -----
> From: <tailfeathers@juno.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Saturday, March 03, 2001 9:43 PM
> Subject: ZM-2 Tuner
>
>
> > I just finished my ZM-2 I got for Christmas but.....It doesn't
> work.
> > I have compared it to pics on Emtech's web page and the
> instruction sheet
> > and the only difference is in how I may have twisted some of the
> wire.
> > Were there any glitches in the instructions I may have not heard
> about?
> > It lights up but will not dim at all. I'm sure it's something I
> am over
> > looking.
> >
> > Gary
> > n8gsj
> > -----
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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 03 Mar 2001 22:40:41 -0500
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [93156] 9A2YM 5w on 30m
Message-ID: <3AA1B939.85551C81@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Just got 9A2YM w/5w (from the FT-817) on 30m (10.116.55 Mhz) at 0332Z. No, not terribly rare, but a nice snag on 30m for me anyway. 30m has been great the past couple of evenings for DX. He's calling CQ now if you're interested.

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Date: Sat, 3 Mar 2001 21:07:56 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: <qrp-1@lehigh.edu>

Subject: [93157] stupid STUPID Karl!

Message-ID: <Pine.LNX.4.31.0103032056470.809-100000@cannac.ampr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

All week I have been test driving my old Kenwood TS-50 which has a real good 500 Hz cw filter. On 4 Fox Hunts I found my cw filter sounded odd and it seemed to attenuate signals. In desperation I turned off the narrow filter and listened to 2400 Hz crud during the hunts.

So this afternoon I got the laptop with the wonderful Gram spectrometer software, and hooked my Noise Bridge to the antenna, and looked at the passband of both filters. The SSB filters looked ok but the CW filter was centered over 10 Hz! It was so badly different from last time I measured it when it was centered over 800 Hz. I had the pictures from last time I looked at it (very good idea too).

Looked at the book and saw no way to adjust the frequency of the cw filter! So said I "crum I'll try using if Shift". I found the if Shift pot and it was not in the center! I said sh*i* and put it back into the detent and looked at all 3 filters and they are identical to last time.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 3 Mar 2001 21:16:30 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <AC5YU@cs.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [93158] Re: (no subject)
Message-ID: <Pine.LNX.4.31.0103032111500.809-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Start by using no antenna and turn the attenuation clear down ie: full ccw. If you still hear a tone something is wrong. Check that the many pin devices in the receiver are soldered in without bridges between pins.

Hook up a key and listen for the transmitter on about 7040. Make sure it sounds quite loud on the other receiver. See if you can hear it on the SMK-1 reciver.

Let me know what the answers are. I have a SMK-1 working.

On Sat, 3 Mar 2001 AC5YU@cs.com wrote:

> I have built an SMK-1 40 meter qrp rig. I am trying to set it up now, but
> when I listen on the headphones all I hear is a very high pitch. It changes
> as I change my pots. When I turn tc1 and tc2 i do notice a very slight
> difference, however, I do have a piece of wire strung up to it, but do not
> seem to be "receiving" anything. Does anyone know what I should do?
>
> John
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 03 Mar 2001 22:11:13 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Subject: [93159] KH7Z on 14.291 @ 0415Z
Message-ID: <5.0.2.1.0.20010303220901.00a948b0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

KH7Z (Kure Is.) on 14.291 @ 0414Z

Corsair I at 4W PEP to St. Louis Quickie.

He's parked on the frequency. Hears all! <g>

Good luck!

de Dave, NF0R nf0r@slacc.com

Date: Sat, 3 Mar 2001 21:19:21 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: rich a <rckchp@home.com>
Cc: <k5di@zianet.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [93160] Re: Question about batteries for field use
Message-ID: <Pine.LNX.4.31.0103032117450.809-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sure you can do that. I wonder what he left out? I'm 65 now and my pack weight is an issue. When I was 25 it was not important.

On Sat, 3 Mar 2001, rich a wrote:

> "Karl F. Larsen" wrote:
> >
> > In the wilderness you can't re-charge a battery.....
>
> Not quite true. I once met a ham who was backpacking with a small solar
> panel fixed on the top of his pack, which was recharging his qrp rig
> batteries while he hiked. It can be done.
>
> Regards,
>
> Rich KB2CPE
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 03 Mar 2001 22:23:48 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Subject: [93161] PJ4G on 14.291 @ 0428Z
Message-ID: <5.0.2.1.0.20010303222042.00a773f0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

PJ4G on 14.291 @ 0428Z

Netherland Antilles (Bonaire Is.)

4W PEP with Corsair I and St. Louis Quickie.

Took a few minutes to dig out the microphone but having a good time tonight.

Good luck!

de Dave, NF0R nf0r@slacc.com

Date: Sun, 04 Mar 2001 05:30:54
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [93162] Re: stupid STUPID Karl!
Message-ID: <200103040531.XAA25979@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Karl:

Ohhhh how many times I have done that same thing on my TS-450....Blush....
Slow learner here.....:-)

Larry KA5T
Georgetown, Texas

On Sat, 3 Mar 2001 21:07:56 -0700 (MST), Karl F. Larsen wrote:

>...
>pot and it was not in the center! I said sh*i* and put it back into the
>

Date: Sun, 4 Mar 2001 00:50:44 EST
From: K4IA@aol.com
To: andrew@utahdesign.com
Cc: qrp-l@lehigh.edu
Subject: [93163] Re: Question about batteries for field use
Message-ID: <bf.c1eeb0a.27d331b4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Here's a good source for reasonably priced NiMh batteries and chargers along with some good info. NiMh are light but only put out 1.2 volts. No memory, flat discharge curve, super fast recharge, long life.

http://www.aspencer1.com/

Radio K4IA
Craig Buck
Fredericksburg, Virginia USA
QRP ARCI #2550 FISTS #6702 CC 788
K1 #470

For cheap long distance, 800#s and more
Tune to http://www.ld.net/?bucksavers

4.9 cents/min - no monthly fees

Date: Sat, 03 Mar 2001 23:21:50 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Subject: [93164] KH7Z is a KH6!!
Message-ID: <5.0.2.1.0.20010303231223.00a7b2d0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Just got a note from N0IT explaining that my Kure Island 20M SSB contact in whatever DX contest is underway is actually a KH6. Arrrrrgh!

Thanks to Dave for the clarification. Guess I need to update my reference material! Yellowed pages could be a tell-tale sign! <g>

Also, whatever frequency reference I provided earlier for PJ4G on 20M SSB was way off. Noted that just now. Think I should pipe down and toddle off to bed at this point.

Have spent too much time chasing C56/DL70E tonight on 2W on 20CW. Promised myself I wouldn't do that stuff again. Maybe tomorrow will be better.

de Dave, NF0R nf0r@slacc.com

Date: Sat, 03 Mar 2001 23:55:20 -0600
From: "George, W5YR" <w5yr@att.net>
To: Jim Lowman <jmLowman@ix.netcom.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [93165] Re: Fox and the Lid
Message-ID: <3AA1D8C8.89637099@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That is correct, Jim. It is possible to hold a 1x2 call without having an Extra license, but to obtain one under the vanity system, one must have the Extra license.

Many old timers were issued 1x2 calls and never upgraded beyond their original Class B tickets which were grandfathered into the General Class license. So, a 1x2 does not automatically denote an Extra.

My Elmer, W5QN, who died last year at age 100 was an example. He started working spark in 1914 and was licensed in the early 20's. He held only one call and license (General) his entire life and never worked anything but CW.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Jim Lowman wrote:

>
> George, I'm sure that someone will correct me if I'm wrong on this, but I
> believe that one must still hold an Extra Class license to get a 1x2
> vanity callsign today...assuming that any such callsigns are still
> available.
>
> 72 de Jim - AD6CW
>
> "George, W5YR" wrote:
>
> > I have to take issue with the conclusion that a 1x2 call automatically
> > means "extra class." Many of us, especially we old coots that have 1x2
> > original calls, do have Extras, mine since 1954, but nowadays with vanity
> > calls available, any call could accompany any license class at any
> > geographical location. That also matches my other pet peeve urban legend
> > that all the trash talkers on 75 meters hold Extras. Actually, very few of
> > them do, and the Extra band is from 3750 to 3775. Not much trash-talking
> > down there . . .

--

Date: Sun, 4 Mar 2001 06:18:34 -0000
From: "GM0NWI" <GM0NWI@btinternet.com>
To: "American QRP List" <qrp-l@lehigh.edu>
Subject: [93166] "Pending DX Vacation/ "Newbie" thought's ES WANTED:
Publication's.....!!
Message-ID: <000501c0a473\$0bf6eca0\$da487ad5@AndyCunningham>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Guy's,,,!!

Hope all is well with you guy's over the pond....

Sure do enjoy readin' all these "postin's" about the "goin' on's" on the
band's with the "SMK's" and "Warbler's"
and REALLY enjoyed the discussion's about "JUST GETTIN' ON THE AIR....!!"
with the antenna's that you can
manage to have, while tryin' not to get too bogged down with the ethic's of
it all..... I also think that this is important,
and the way to go, but also with the amount of "postin's" it IS and CAN BE a
real bit daunting to the relative "newbie"
as to what IS the best way to, when he or she see's all the different

idea's, they become frightened to try one idea in case another is better, eventually leading to NOT "just gettin' on the air....!!"

Only wished that some of the guy's here in "GM-land" were a bit more "insirational" about "home-brewin" so that some us more "newbie" type guy's could get on the air with net's in our local area's..... Some say "the grass IS NOT alway's greener" BUT I DO think that "the grass IS ALWAY'S greener" as regard's what y'all get up to at the weekend's.... IF ONLY I could win the lottery....!! Would LOVE to join in on some of these net's that y'all run.....

Anyway..... What I'm really needin' to say is that, for those of you who will be interested, I'm currently tryin' to get together the fund's for a "DX-pedition/Vacation" back to my homeland, of ZL, around the 30th of October 2001, to around 21st January 2002, where I'll be living in both Auckland and Napier (Hawks Bay) area, will hopefully have the K2 built by then..(cough...!! cough...!!), but if not may just take along the "baby" ICOM 706, with 1/2 Wave Dipoles for both 40M and 20M respectively..... Don't think they'll be all that high in the cloud's tho'.....maybe only 20 - 30ft or so, but hopefully will be able to work some nice QRP from there, if not back to GM-land, and US, possibly in and around the polynesian area.....

Would be interested in hearing what you guy's think my chance's are of success with this set-up...?? (PLEASE....!! no joke's), this is VERY serious for me, as I'd like to be sure that I'm in with a good chance with what I've described, if it seem's that this is not going to be "potent" enough then I'll need to reconsider my antenna option's..... I'm disabled, confined to a wheelchair, so for me the option's of dipoles, SEEM'S to be the best for "eae of erecting" as I'll need to inlist help with this one.....

Also..... was wondering if there is anyone on the list who has a copy of "Hints and Kinks For The Radio Amateur", or I THINK the other publication is called "Wire Antenna Classics", that they may find is "surplus to requirements" OF COURSE, as usual all cost's would be incurred by myself if need be.....

SO.....Put a mark in the "QRP Diaries" guy's as I'd LOVE to try and work some of you when I'm out there, a REAL "kick" for me that would be....

As usual thanks for the bandwidth, keep up the fantastic work..... you REALLY are a great bunch of guy's, who give me so much inspiration to carry on, although I'm still a relative "newbie" with LOAD'S of unfinished kit's to my name.....

72's de Andy gm0nwi@btinternet.com " A
Disorientated Kiwi In The Northern Hemisphere ... "
GM0NWI
" Long Live QRP...!! " " All The Best Wishe's From Bonnie Scotland "

QRP ARCI No. 10561 " The Weakest Station In The Nation... "
G-QRP No. 9576
QRP - L No. 2165 "It is vain to do with more....
ICQ No. 31899603 what can be done with less "

Date: Sun, 04 Mar 2001 08:33:33
From: "Leon Heller" <leon_heller@hotmail.com>
To: AC5YU@cs.com, qrp-l@Lehigh.EDU
Subject: [93167] Re: QRP rig problem (was no subject)
Message-ID: <F198RaqbC8wSA1XvpFV0001504e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>I have built an SMK-1 40 meter qrp rig. I am trying to set it up now, but
>when I listen on the headphones all I hear is a very high pitch. It
>changes
>as I change my pots. When I turn tc1 and tc2 i do notice a very slight
>difference, however, I do have a piece of wire strung up to it, but do not
>seem to be "receiving" anything. Does anyone know what I should do?

The audio amp. is probably oscillating. Did you work back from the output
when building it, so you could check each stage worked properly?

73, Leon

--
Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058
Email:leon_heller@hotmail.com My web page:
http://www.geocities.com/leon_heller IRISYS Ltd: <http://www.irisys.co.uk>

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Date: Sun, 04 Mar 2001 06:53:36 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: k5di@zianet.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [93168] Re: stupid STUPID Karl!
Message-ID: <3.0.2.32.20010304065336.006abcfc@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey Karl,

Some days a diamond, some days a stone...

Sort of like when you don't remember to turn off or turn on the split mode for Fox hunting. Or switch to another band with the split still on. Which, of course, I've never done... 8^)...

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
RARA #3, NETXQRP <http://www.angelfire.com/tx4/netxqrpclub/>
[TMPS] Qs - 66, States - 25, DX - 17, 3W to HF9V (or W9INN Inv V)

Date: Sun, 4 Mar 2001 06:51:32 -0600
From: Ken Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [93169] SA602AN Philips Semi.
Message-ID: <20010304.065133.14414.8.n4so@juno.com>

See files on NE602.txt/ Cross ref. to ARRL Handbook '96
NE602 schematics/block diagram and theory page 8.36
SA602AN= Philips Semiconductor

From: "Paul Harden, NA5N" <na5n@rt66.com>
Date: Thu, 21 Dec 2000 17:26:17 -0700 (MST)
Subject: Re: Philips SA612AN vs Signetics NE602 ?
Gang,

There is virtually no discernable difference between any of the flavors of the original NE602, at least on HF. That is, the ...

NE602 = NE612 = SA602AN = SA612AN, etc.

The original NE602 was designed and first made by SIGNETICS about 1980. (ARRL Handbook)
Signetics came up with some neat chips in the mid-late 1970's, including

the ever famous NE555 timer. However, Signetics is no more, with the IC's in question being bought out by Philips Semiconductor, the only ones now making it. There are some subtle differences in performance specs and at what frequency the internal oscillator is good to, but none of any consequence below about 45MHz (where the 602/612's are "spec'd" at).

About a year ago, I did some testing for a QRP vendor to compare the performance between the thru-hole and surface mount version of the SA612's and found none. This was confirmed by another QRPer. So even the thru-hole vs SMC style seems to make little difference (other than physical size and hassle of trying to build ugly with the SMC version!).

72, Paul NA5N

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi
Elecraft K1 #260

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 4 Mar 2001 09:00:19 -0400
From: "Dave Marling" <dbm@klis.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [93170] Re: Question about batteries for field use
Message-ID: <001301c0a4ab\$11d0e6c0\$ff2ffea9@master>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've found the NiMH batteries that I use in my Kodak digital camera do not have a very good shelf life and would not be suitable for backup purposes. This includes the ones that came with the camera, some no-name ones and the MAHA ones that I bought with a conditioning charger. I charge them just

before I have to use them to ensure a full charge.

Dave
VE1VQ

Date: Sun, 4 Mar 2001 08:19:10 EST
From: K4NK@aol.com
To: qrp-1@lehigh.edu
Subject: [93171] QRP for sale
Message-ID: <12.98c4d73.27d39ace@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello;
I have a couple of items for sale. Will list them her first before E-bay.
Thanks.

1. Ten Tec Argo 556 (QRP SCOUT) with 30 meter module and matching 291
antenna tuner. Excellant condx. \$300.00
- 2.S & S Engineering ARK4 40 meter transceiver great little rig.....\$75.00

Both have manuals

K4NK Les

Date: Sun, 4 Mar 2001 08:24:18 -0500
From: "Ted Albert" <ted.albert@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [93172] Six-Pack Universal Transmitter Fun on 20 Meters
Message-ID: <00d101c0a4ae\$8fd2de40\$d4e0540c@fpfzqlga>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings Gang,

Just a quick note about the fun I was having yesterday with a Universal transmitter board I built for 20 meters. The board was part of the G3RJV Six-Pack set we received at FDIW 1998. I populated it with parts from the workshop supply. Yep, I'm one of the ones who orders ahead from the various

suppliers in anticipation of a fit of late night building.

I modified the circuit just a bit to allow me to zero-beat the VX0 without keying the final. I started the day with the VX0 using just a 50 pf air variable cap (flea market table discovery at Hamvention a couple of years ago). I then added a 15uh choke (the design notes called for a 22uh choke), but that was way to much for the xtal I had in the circuit. I replaced that one with a 4.7uh choke and now can cover 14.054 to 14.064 without chirping. The transistor for the final is a 2N3553 pumping out a healthy 1 watt. First time on the air yesterday resulted in 5 states, New Jersey, Vermont, Maine, Mississippi, and Georgia, all from my CQs to a long wire antenna. Talk about fun! The QSK circuit is really nice in this particular version of the Universal design. The transmitter is housed in one of the mini-bud boxes purchased at the local Radio Shack.

If you got one of the Six-Pack boards at FIDM in '98, give the Universal transmitter board a try. It is easy to build and fun to operate.

Time to brew fresh coffee and head back to 20 meters.

72/73 de Ted, AB8FJ
Loveland, Ohio EM79

Date: Sun, 4 Mar 2001 06:42:24 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [93173] re: D68C QRPp - information sought (pse)
Message-ID: <20010304144224.28503.qmail@web10006.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Paul, I didnt see any email address, so will reply to you here.
Congratulations on the antenna testing! They must have had extra great antennas to hear me.

My lowest power I can claim working D68C was 100mW on 12M. He was working split, and had no callers, he got me almost right away, and went back to CQ'ing with no callers.

So I fired back "now 55mW de KJ5TF", and I received a "QSL TU" and he went back to CQ'ing.

I think he could have copied me at half that power, or

25mW if we had a chance, but I understand they wanted to work as many stns as they could. No problem.

Please pass along my thanks to the entire D68C crew. And a special thanks to you for the amazing antennas they used.

72/71's de Jim KJ5TF
"All Milliwatts, All The Time"

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
<http://personal.mail.yahoo.com/>

Date: Sun, 4 Mar 2001 10:23:14 EST
From: AC5YU@cs.com
To: qrp-1@lehigh.edu
Subject: [93174] (no subject)
Message-ID: <b4.121f6aae.27d3b7e2@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Does anyone have any suggestions on how to make the audio out on an SMK-1 louder? I now have it hooked to a 9 volt battery. The instructions say to use a 12V power source. If I changed to this would it help?

AC5YU

Date: Sun, 04 Mar 2001 08:30:13 -0700
From: Bruce Grubbs <n7ceeqrp@earthlink.net>
To: rickchp@home.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [93175] Re: Question about batteries for field use
Message-ID: <5.0.2.1.0.20010304082731.00aaeb40@earthlink.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

I have an old 1.8 watt panel that weighs 12 oz. I use it to recharge a 3 aH gel cell on day hikes where I'm not so concerned about the weight. In the past I've used it to charge NiCd's on long backpack trips, but I'm going to make up an 11 cell NiMH AA pack to try out.

On 2-4 day backpack trips, I generally use AA alkalines rather than carry the weight of the solar panel.

72,
Bruce N7CEE
Flagstaff, Arizona
DM45ef

Date: Sun, 04 Mar 2001 07:33:57 -0800
From: Jeff Grudin <grudin@vdbbs.com>
To: qrp-l@lehigh.edu, grudin@vdbbs.com
Subject: [93176] Thanks for the battery information and Summary
Message-ID: <3AA26065.3695D4FF@vdbbs.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Thanks to everyone for the battery information:

I started out thanking each personally but way too many now. I think I have the correct information now. One place to look for a review is: Which Battery Should You Use in Your Equipment?, QST April 1999, page 40-42

In summary:

NiMH Pros:

The NiMH have a higher (about 30% more) capacity for their size and weight.

The NiMH can be charged over and over at partial discharge with no problem.

Environment friendly - no toxic heavy metals

NiMH batteries are designed for power intensive applications.

Voltage discharge curve is flat (flat until 80% usage vs 45% for NiCd)

NiMH Cons:

Overcharge Tolerance is Lower
Self discharge rate is higher

A note about alkalines:

Their voltage drops rapidly when used in a power intensive applications,
so while will last longer, the voltage output will be lower faster.

They do have a higher capacity for their weight so in some cases may be
better (long trip with no ability to recharge)

--

73 de AC6KW <mailto:grudin@vdbs.com>
Jeff Grudin, DVM Web Add: <http://www.vdbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Sun, 04 Mar 2001 11:04:27 -0500
From: Pete Burbank <plburbank@kih.net>
To: w5usj@globeco.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [93177] Re: Toroid L and LC Meter IIB [longish]
Message-ID: <5.0.2.1.0.20010304104717.00a6eec0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:00 AM 3/3/2001 -0600, Chuck Carpenter wrote:

>Toroid Winders,

>

>Having built the AADE LC Meter IIB, I wanted to check out some toroids to
>learn what the different mixes produce. I also had a couple of unknowns in
>my accumulation of parts (i.e., junk box).

>

>I've found this LC meter to be one of the most useful pieces of equipment I
>have and now wonder how I ever got along without one. Of course, when I
>stopped building things 30 years ago, tools like this weren't readily
>available.

>

>Back to the toroids.

>SNIP

>Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1

>ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

>RARA #3, NETXQRP <http://www.angelfire.com/tx4/netxqrpclub/>
>[TMPS] Qs - 65, States - 25, DX - 16, 3W to HF9V (or W9INN Inv V)

Chuck,
Thanks for the wonderful post and for your time and energy in it's development.
Now and then a real gem of info pops up on the list. I recently completed
the AADE meternow to test all the mysterious toroid cores here. Yahoo!
Agn tnx es vy73
Pete NV4V

Date: Sun, 4 Mar 2001 11:43:43 EST
From: RangerSF5@aol.com
To: QRP-L@lehigh.edu
Subject: [93178] RESISTOR INFO
Message-ID: <8e.11ebd8a5.27d3cabf@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
Anyone know where I can pick up 5 WATT resistors??
4 WATTS minimum.
Any info greatly appreciated.
Thanks
72/73
Bob
WA2HOQrp <tm>

Date: 4 Mar 2001 11:46:38 EST
From: Michael Goins <mgoins@usa.net>
To: qrp-l@LeHigh.EDU
Subject: [93179] For Sale
Message-ID: <20010304164638.5724.qmail@aw164.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Timewave DSP-599dx - top of the line DSP. A 9 in appearance, a 10 in how =
well
it works. \$300 CONUS

OHR SCAF - this is the one with the bypass switch. Bandwidths of 2440, 57=
4,

459, 383, 230, 108. Works very well. A 9+ (only mark is on the top near the rear (about 1/64 diameter chip in the paint). \$50 CONUS

LDG QRP Tuner - This is the one without the latching relays. Outstanding = auto tuner. Factory built. Looks new. \$100 CONUS

TRAC deluxe message memory keyer, Model TE284. Older style (woodgrain top and sides to cabinet). Bought it to use mobile and never tried it. Has instructions from previous owner. \$40 CONUS

MFJ World Radio Shortwave Receiver, Looks like new. With external amplified speaker (about an 8, but works well), wall wart and Nova 52 folding headphones. Neat little package. \$50 CONUS

Motorola or Uniden speaker for the car - Both are black, and a 10 in appearance. Work very well. \$20 (each) CONUS =

Please reply off list only. Might consider trading. Thanks.

mike
wb5yjx

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Mon, 03 Mar 2008 08:47:29 -0800
From: KB7WW Art Moe <kb7ww@chatusa.com>
To: kenwood <kenwood@qth.net>, qrp <qrp-1@lehigh.edu>
Subject: [93180] diode cross reference
Message-ID: <47CC2BA1.3563C61B@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a Kenwood power supply that I believe the zener diode has went south, it is a XZ 090 can anyone help with a cross reference or voltage??

Thanks
Art

Date: Sun, 04 Mar 2001 16:58:50 +0000
From: "Chuck Adams, K7Q0" <k7qo@primenet.com>
To: qrp-1@lehigh.edu
Subject: [93181] RadioShack.com Battery 1.3Ahr Experiment
Message-ID: <5.0.2.1.0.20010304162800.00a0dbe0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

While down in Phoenix yesterday for the monthly AZ sQRPion meeting at Luby's, just before the meeting I ran over to RadioShack.com on Country Club Drive off of HWY 202. I bought two of the 1.3Ahr gel-cells that they have on sale for \$9.97 (regularly \$14.99). Their part number 960 0332. I don't know if you can order these through your local RadioShack and avoid the shipping charges over the Internet order from <http://www.radioshack.com/>

The batteries that I got were both labeled as manufactured by Universal Battery in China. UB1213 12V 1.3Ahr was the labeling. Also on the label was the following:

Constant Voltage Charge at 20 deg C	Voltage Regulation	Initial Current
Standby Use	13.5-13.8V	No Limit
Cyclic Use	14.0-15.0V	0.39A MAX

Which I take to mean that if you can come up with a constant voltage supply with output at 13.5V, you can charge the puppy and leave it until you need it. But I have a gel-cell charger that charges the cell and then floats at around 13.4V or so. I charged one of the cells overnight.

Battery weighs in at 20.3 oz on the postal scale or has a mass of 577 gms or 0.577 kg. It also has a date code of Sept 6, 2000, so they are pretty new batteries. But I have some gel-cells with date codes 1992 and they still are working very well. Mileage may vary.

So for you backpackers I am going to run the following experiment starting at 1700UTC March 4th, 2001 (Sunday). I will put one of the fully charged batteries on the Elecraft K1 (#497) and have it on 20 meters. Initial voltage with K1 in

receive
mode is 13.1V

I will be around 14.060MHz from 1700UTC until the battery voltage reaches 11.5V
I will set the keyer speed to 20wpm to 25wpm (but I will slow down if needed).
I will call CQ and work as many as I can (no split even for a pileup :-))
Let's see how many states I can get. I will be running only 1.00W out as I
consider
this about the power level that one might use in the field to conserve battery
power
over a weekend.

I took another battery and ran the following experiment on the K1. I put the K1
through
a OHR WM-2 (the old one when KE8KL mfg'd the kits) and a dummy load. I used the
tune function
for the following settings and here is what I got.

Power Out Setting	Display Value in Tune	OHR WM-2 Reading
0.1W	0.1	0.25W
0.2W	0.2	0.38W
0.3W	0.2	0.38W
0.4W	0.2	0.38W
0.5W	0.7	0.75W
0.6W	1.0	1.00W
0.7W	1.0	1.00W
0.8W	0.7	0.75W
0.9W	1.4	1.4
1.0	1.0	1.0
	1.5	1.5 (see note below)
1.5	1.0	1.0
2.0	1.9	1.7
3.0	3.1	2.5
5.0	5.0	3.5

As one can see, you just about have to have an accurate wattmeter to measure your
output. I have always been concerned about accuracy in any measurement and I
guess
that comes from my training early in life.

And I did note that I got different results for the same setting in the menu power
out and what the display showed. And this may be due to critical timing in the
microprocessor code. The + and - buttons can cause a change in the output while
in the tune mode, i.e. the buttons are not disabled when you put the K1 into the
tune mode. So the release of one or both buttons is critical at the time you put
the K1 into the tune mode. FYI.

Sorry for the last minute posting, but I'm on the air until the juice runs out.
I'll report battery measurements over this time period when I get through.

Film at 11 as they say.

dit dit

Chuck Adams, K7Q0

Prescott, AZ k7qo@primenet.com http://www.qsl.net/k7qo http://
moon.pr.erau.edu/~adamsc

TMPS-2001 Mar 01, 2001 Q's = 210 States = 42 Counties = 187 DXCC = 10
SWL-30 with CMOS 3 keyer and HB Iambic Paddle 0.500W and vee-beam

ID TX LA ND CA AZ NM WY NV MT CO OR ME KY WA SD NE NC AR IA GA HI MN AL WI
(first 25)

MD OH CT MO SC TN OK PA NJ FL MA NY KS IL CT NH MI (in order worked)

DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1

Date: Sun, 4 Mar 2001 12:17:01 -0500
From: "Alan Fryer" <qrpdx@earthlink.net>
To: <qrp-l@lehigh.edu>
Cc: <forsale-swap@qth.net>
Subject: [93182] FS: NC-20
Message-ID: <00ab01c0a4ce\$f212a3e0\$84c4323f@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Original NC-20, nice shape, works fine, 5W out, with manual. \$85 shipped in
US.

Alan, N3BJ
Bent Mountain, VA

Date: Sun, 04 Mar 2001 12:40:37 -0500
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [93183] Straight Key Question
Message-ID: <5.0.2.1.0.20010304115404.00a69640@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dear Gang,
A friend just gave me a strange key/code practice set. I was hoping that someone could provide more info on it. The key itself looks like a husky version of a J-38 and is mounted on a 3/8 thick black phenolic base roughly 6" long and 3.5" wide. Under the base are what look like a holder for 2 D cells. a buzzer and a sealed metal box at the rear that seems to be linked to the rear of the key lever The metal box is labeled J-2 Japan USA (?!?!?!).The buzzer is labeled Kobishi..
Any info or references would be appreciated.
Tnx es 73
Pete NV4V Ky

Date: Sun, 04 Mar 2001 12:44:20 -0500
From: Rick Sealey <rsealey@northstate.net>
To: qrp-l@lehigh.edu
Subject: [93184] Re: Question about batteries for field use (a little long)
Message-ID: <4.1.20010304084856.0097f400@mail.northstate.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This is interesting, as I just replied to Jeff Gruden (the original poster) offline about this, telling him what surprisingly good retention results I get with the Maha AA batts I use. They stay in my Olympus C-3030Z camera in my car (temperature extremes) all the time with infrequent charging and have always been ready to go. I think it's a matter of expectations, and if you expect NiMH and NiCad batteries to have a shelf life similar to Alkaline and Lithium, you'll be disappointed.

Both NiMH and NiCad batteries do have significant self-discharge rates (retention rate) compared to Alkaline and Lithium and obviously would *not* be a good choice for use in clocks, smoke detectors or a two month QRP trip on the trail without recharging capability. But NiMH batteries are perfect

for shorter term, high current use. By the way, somehow during its evolution, and long before Dave's posting, this thread got off-kilter and started referring to "for backup purposes." Jeff's original posting only mentioned "for field use", a totally different concept, at least to me. Neither NiMH nor NiCad batteries in a non-recharge circumstance would be appropriate for any kind of backup purpose.

Digital cameras are excellent testimony for the efficacy of NiMH in high current demand situations as they pull a relatively large amount of current repeatedly for short periods, separated by longer periods of much lower current flow (hmm, sounds like a transceiver, doesn't it?) I am constantly amazed that the 1550 mAh Mahas will give me from 120 to 150 exposures on the 3030 while a set of NiCads is good for about 30 to 40 and Alkalines fewer than 20. As an example, a vacation trip last fall resulted in 125 exposures over a 5-day period on one set of batteries.

As I also told Jeff in my reply, I can't think of any situation where I would not choose NiMH over NiCad. It seems to me that any slight reduction in retention is more than offset by NiMH's much greater capacity. And they are actually *less* finicky about charging as they suffer no memory effect and can be discharged and charged to less than full capacity with no harm. I think a couple of freshly charged sets of NiMH batteries would easily take care of a not-too-lengthy QRP trail expedition, assuming you'd use something with a K1's current requirement, or less.

A popular resource for chargers and batteries is Thomas Distributing at <http://www.thomas-distributing.com>

Also, for info, check out Maha batteries at <http://www.mahaenergy.com>

Rick - W4SEA
High Point, NC

At 09:00 AM 03/04/2001 -0400, you wrote:
>I've found the NiMH batteries that I use in my Kodak digital camera do not
>have a very good shelf life and would not be suitable for backup purposes.

----- SNIP -----
>Dave
>VE1VQ

Date: Sun, 4 Mar 2001 11:09:37 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>

To: <rsealey@northstate.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [93185] Re: Question about batteries for field use (a little long)
Message-ID: <0E32ke3fzk76oJDEIXq00000ad0@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rick, et.al.

----- Original Message -----

From: "Rick Sealey" <rsealey@northstate.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, March 04, 2001 10:44 AM
Subject: Re: Question about batteries for field use (a little long)

...

>

> A popular resource for chargers and batteries is Thomas Distributing
at

> <http://www.thomas-distributing.com>

>

Thanks for the tip. Check out this link 2-12v NiMH charger with free
batts on special!

<http://www.thomas-distributing.com/maha-mh-c210.htm>

73, Rod N0RC
Ft Collins CO

Date: Sun, 04 Mar 2001 13:15:01 -0500
From: John Harper AE5X <ae5x@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [93186] Re: Another question about batteries for field use
Message-ID: <000b01c0a4d7\$07f207c0\$5b7abc18@johnharp>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Interesting thread.

I recently bought a pair of NiMH AA batteries to use in my GPS receiver and
notice that even with a full charge, the "battery life" indicator on my

receiver displays 80% rather than 100% I get with new alkalines. I think this is probably due to the fact that full charge voltage on NiMH batteries is only around 1.2 volts, where an alkaline is 1.5 volts. So to make 12 volts for a typical QRP rig, you'd need 2 more NiMH's (and therefore more weight) than if alkalines were used.

Does the extra current capacity of NiMH's make up for the lower voltage that they deliver?

BTW, I have discharge characteristics for a 10-cell alkaline AA pack I used to power my Norcal 40A and an SST rig at:
<http://www.qsl.net/ae5x/aabatts.html>

73,

John Harper AE5X
Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

----- Original Message -----

From: "Rick Sealey" <rsealey@northstate.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, March 04, 2001 12:44 PM
Subject: Re: Question about batteries for field use (a little long)

> Digital cameras are excellent testimony for the efficacy of NiMH in high
> current demand situations as they pull a relatively large amount of
current
> repeatedly for short periods, separated by longer periods of much lower
> current flow (hmm, sounds like a transceiver, doesn't it?)

Date: Sun, 4 Mar 2001 13:25:19 -0500
From: "Ken Simpson, W8EK" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [93187] TenTec KR-50 keyer and other TenTec items FS
Message-ID: <014e01c0a4d8\$7c1c6220\$5f91d4d1@toshiba>

For Sale:

TenTec KR-50 keyer.
Iambic, with dit and dah memories, if desired
(they can be turned on or off). Built in Iambic

paddles, 12 V DC or 110 V AC power, and reed relay output to key most any rig. \$ 60

TenTec 546 Omni, Series B, HF CW / SSB xcvr. All solid state, with 100 W output. Covers 160 through 10 meters, with digital readout. Full QSK on CW, and a fantastic receiver. Terrific audio quality on SSB also. It can be run QRP by adjusting the front panel ALC control. This one is in great shape, with manual for \$325.

TenTec 280 power supply. Good for 20 amps at 13 V DC. Very rugged power supply, probably the best one TenTec ever made. Includes meter on front panel, and dual pass transistors, with over voltage protection. Manual included for \$120.

TenTec hand microphone with 4 pin plug. Matches most any of the modern TenTec rigs that take the 4 pin plug. \$ 30

TenTec 288, 1800 hz filter, primarily for narrow SSB or for digital modes. For use in the Corsair, Paragon, and newer Omni series rigs. It does not work with the 546 Omni, series B, listed above. With the paperwork for \$65.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-Mail to W8EK@fdt.net or W8EK@juno.com
Voice Phone (352) 732-8400

Date: Sun, 4 Mar 2001 19:38:53 +0100
From: mike.mhe@t-online.de (Michael Haugrund)
To: hq@arrl.org, peter@barville.freeseve.co.uk, lz1fw@nettaxi.com, k1ar@cq-amateur-radio.com, crklub@mbox.vol.cz, g3rjv@gqrp.com, GQRP@onelist.com, hrs@hztk.tel.hr, qrp-l@lehigh.edu, zyg@morsum.demon.co.uk, hqpzk@pzk.org.pl, ve2zp@lynx.ve3jf.ampr.org
Subject: [93188] Closing down QRPCC-Service from me
Message-ID: <14ZdPB-1SoXQXC@fwd01.sul.t-online.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT

Hello dear OP,

as you know, I did the mailings for our
OP Hal, DJ7ST and the qrpcc, the qrp contest
community.

This service is no longer available, because
of personal reasons. Not with Hal, there is
all ok. I have to make some decisions for me.

So if you have to get information, send logs
or anything else, please contact Hal, DJ7ST
via normal post office.

Thanks for reading an the mailings.

I wish you all the best for the future.
Good luck and good dx with qrp.

73 Mike, DF20K

--

DOK:H23 G-QRP-Club:9723 DL-QRP-AG:GM QRP-L:1533
Packet-BBS: DF20K @ DB0SWM-15 eMail: df2ok@darcl.de
Website: <http://home.t-online.de/home/mike.mhe/homepage.htm>

Date: Sun, 04 Mar 2001 13:40:18 -0500
From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [93189] 100th country for 40m DXCC this season - 42% QRP

Message-ID: <000901c0a4da\$95600e60\$5b7abc18@johnharp>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Worked Guyana yesterday for #100 on 40m this winter. About 84 of those were CW & 16 phone. Of the CW, about 50% of them were worked with 2 watts. All phone contacts were with 100 watts.

(Sorry for the 58% off-topic material!)

73,

John Harper AE5X
Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

Date: Sun, 4 Mar 2001 13:41:40 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [93190] K1 #593 Lives
Message-ID: <00df01c0a4da\$e552ab80\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

It seems like I've been waiting forever, but finally, Friday afternoon, the mailman brought me a long awaited package from Elecraft.

Well, last night was the first race of the Formula One season, so I had to leave building my K1 to see the race, but took the time during commercials to wind some toroids. After the race (shortly after midnight) there was only a little left to do to put the K1 on the air, so I stayed up, and then a little while longer chasing (unsuccessfully) some DX. Well, 2AM is way past my bedtime at my advanced age <g>, but even so, when the daylight came I couldn't lay around in bed very long, so a quick look through the Sunday paper and I was back at it.

I was missing one of the coils on the filter board, so I cobbled up a toroid to replace it. I can receive but without being able to adjust the coil I can't get any output on 40 until the replacement arrives, but 20 works just fine.

This morning made a couple of Q's (AE4GX, N8IBG/4 - great reports) and this

afternoon, while working on the KAT1, got Chuck on his K1 doing the battery thing he spoke of on the list.

This is a very cool little radio, I gotta say. I thought I needed another rig like a hole in the head, but the idea of having the tuner in the box with the radio, and a little box at that, was too much for me to resist, since I'm looking at a fair bit of traveling this spring.

So, back to the KAT1.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 04 Mar 2001 13:50:05 -0500
From: "J. Ervin Bates" <w8erv@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [93191] QRP For Sale
Message-ID: <B6C7F88C.162C%w8erv@earthlink.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Hi Gang:

I have some additional QRP items for sale, which may be of interest to the list. I would prefer selling them here, as opposed to eBay, since eBay is not a member of the QRP community. :-)

I am selling this as a 'package', so here it is.

Emtech 8020, 20m QRP unit (built and in enclosure). Works FB and has filter. No paperwork, however. Along with this, an Emtech ZM-2 Tuner to go with it. \$175.00 get's both items shipped to your CONUS address.

Any Takers?

72,
Erv W8ERV

Date: Sun, 4 Mar 2001 14:14:36 -0500
From: Joseph I Pirkle <ad4ih@juno.com>

To: w1hue@amsat.org
Cc: qrp-1@Lehigh.EDU
Subject: [93192] Re: Need to borrow a St. Louis Tuner
Message-ID: <20010304.141438.-3201255.1.ad4ih@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry,

I posted my willingness to loan you my St. Louis Tuner. Do you not need it now, or was there a lost reply?

Joe Pirkle, AD4IH,
"Everyone seems normal until you get to know them."
ad4ih@juno.com / ad4ih@arrl.net

Date: Sun, 4 Mar 2001 14:36:30 -0500
From: "Tracy" <tracy@bytemark.com>
To: "QRP-L" <qrp-1@lehigh.EDU>
Subject: [93193] Re: Amidon Associates
Message-ID: <NCBBICHAOKICOGKID00GKEBMEGAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As a note, I've been supporting the QRP and ham communities for years ... would love it if you sent your Amidon business to me :]

I no longer stock and ship from here in Orlando, my relationship with Amidon has matured and I now work more directly with them. But I am indeed a commissioned sales rep, and certainly would appreciate if you sent your Amidon related business my way :]

I have a lot of tech info online at
<http://www.bytemark.com/amidon/content0.htm>

Hundred pages or so ...

And of course you can call me direct for tech help or orders at
800 679-3184

Sorry for this unabashed commercial note, but you guys asked :]
Thanks!

Tracy Markham, N4LGH

ByteMark / Amidon

Date: Sun, 4 Mar 2001 15:03:55 -0500 (EST)
From: n2go@arrl.net
To: qrp-l@Lehigh.EDU
Subject: [93194] WTB 3/4-16 chuck
Message-ID: <Pine.LNX.4.21.0103041452010.2752-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I need a three or four jaw chuck for a rotary table. It needs a 3/4-16 thread mount. I am getting ready to cut some optical shaft encoders for a homebrew project :)

I would rather not build an adapter plate for it as I have enough on my plate for now.

Three to four inch chuck size. I figured that I would check here first. Otherwise maybe a TAIG chuck would do...

I have either cash or could trade something neat like a dual turns counter with crank handles from a T-3 transmitter.

73,

Jim n2go

Date: Sun, 4 Mar 2001 12:18:28 -0800
From: David Kidd <ka7ozo@pacifier.com>
To: qrp-l@Lehigh.EDU
Subject: [93195] FDM schedule
Message-ID: <v03007801b6c8534c90d3@[207.202.210.230]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Could someone send me the FDM schedule that was put out a while back....lost the info and need to start planning the trip.

Please send to me direct..... ka7ozo@pacifier.com

Thanks.

Dave
KA7OZO

Date: Sun, 4 Mar 2001 15:42:20 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [93196] 5BWAS/QRP - Done!
Message-ID: <000c01c0a4eb\$9dbc3140\$fe8d4d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Whew! Frank Lamb (K4ADI) in Lyman, South
Carolina, just gave N1TP his 250th State for 5BWAS/QRP.

QSO at 1906 Zulu on 21.041. 2 x QRP.
I received a 449 signal report. There was QSB
and considerable white noise on the band during the QSO.

The five bands: 10, 15, 20, 40 & 75.

This quest began in 1991.

My 249th State was Louisiana (N5IB) on July, 9, 2000.

Cheers,

Tom, N1TP
Naples, Florida

Date: Sun, 4 Mar 2001 13:44:23 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [93197] Re: Question about batteries for field use (a little long)
Message-ID: <0E33VBDUfdfdhNzW3l100002965@hotmail.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OOPS! Make that free BATT Holder.

Up late last night, errrr morning...;-)

----- Original Message -----

From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, March 04, 2001 11:09 AM
Subject: Re: Question about batteries for field use (a little long)

> Rick, et.al.

>

> ----- Original Message -----

> From: "Rick Sealey" <rsealey@northstate.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Sunday, March 04, 2001 10:44 AM
> Subject: Re: Question about batteries for field use (a little long)
>
>
> ...
> >
> > A popular resource for chargers and batteries is Thomas
Distributing
> at
> > <http://www.thomas-distributing.com>
> >
>
> Thanks for the tip. Check out this link 2-12v NiMH charger with free
^^^^

> batts on special!
^^^^^^^^^^^^^^^^^^

>

> <http://www.thomas-distributing.com/maha-mh-c210.htm>

Date: Sun, 4 Mar 2001 14:39:54 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [93198] QRP Cheating
Message-ID: <Pine.LNX.4.31.0103041431530.1119-100000@cannac.ampr.org>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I saw this in a message from this list:

>
> >And there is a lot of PREVARICATION going on with 5 watts in the report
> !
> >True QRP'ERS don't even light 1 or 2 led's on my K-2 and all these WIDE
> >split hounds are lighting 8 or more led's and overwhelm the agc, go
> >figure !! Has this become HA HA land for the QRO operators? The TRUE
BLUE
> >QRP'ERS have to wait until the QRO operators all work the fox and go to
> >bed before they get a chance. How do we get some HONESTY back into this

It was hard to believe anyone would say such a silly thing. I have seen so many 5 watt signals 599 and higher on 40 cw, and it is why I enjoy QRP. You are not always 599 but often your between 559 and 599+ to places with good propogation.

Now to say anyone strong is for sure a station running over 5 watts is simply wrong. And why would anyone cheat? Can you imagine how that would feel? Bragging rights, maybe? I beat you to the Fox, of course I was running 1500 watts...:-)

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 04 Mar 2001 15:53:57 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: n1tp@worldnet.att.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [93199] Re: 5BWAS/QRP - Done!
Message-ID: <3.0.2.32.20010304155357.006b0f60@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Tom,

Congratulations. That's a significant achievement in anyones book.

Your next assignment should you choose to take it -- 5BWAS with 500 mW or less. Or have you already done it... 8^)...

Good luck...

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
RARA #3, NETXQRP <http://www.angelfire.com/tx4/netxqrpclub/>
[TMPS] Qs - 66, States - 25, DX - 17, 3W to HF9V (or W9INN Inv V)

Date: Sun, 4 Mar 2001 22:05:22 +0000
From: Larry S Cahoon <wd3p@juno.com>
To: ae5x@qsl.net, qrp-l@Lehigh.EDU
Subject: [93200] Re: Another question about batteries for field use
Message-ID: <20010304.220532.-497805.0.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On Sun, 04 Mar 2001 13:15:01 -0500 John Harper AE5X <ae5x@qsl.net>
writes:

(snip)

> this is probably due to the fact that full charge voltage on NiMH
> batteries
> is only around 1.2 volts, where an alkaline is 1.5 volts. So to make
> 12
> volts for a typical QRP rig, you'd need 2 more NiMH's (and therefore
> more
> weight) than if alkalines were used.
>

I don't think this is really a fair statement. If you take 8 Alkaline batteries they will start off at around 12 Volts, but the voltage drops as they are used. With the NiMH batteries the voltage is almost constant until they are discharged. If you look at the performance charts for the Alkaline batteries it is clear that the voltage will drop to about 1.4V per cell after about 10% of their life. So you are now running 11.2 volts, not 12 volts. It will drop to 1.3 volts when about 30% of their capacity is gone. So now you are running only 10.4 Volts.

What this means is you use only 8 Alkaline batteries you are dead in the water unless you have a rig that can run on that low a voltage (DSW, K2,

or K1.)

If you want to put the alkaline and NiMH batteries on the same footing you are going to need 10 of each. Be careful though as the Alkalines start out at about 1.6 volts for each cell or 16 volts for a 10 pack. A lot of the rigs are not rated for more than 15 volts. You have to deal with that problem - there are plenty of easy solutions thought.

What I'd really like to see it someone compare the useable life of NiMH and alkalines with something like the K1 with the power set at about 3 watts. I'd go with 10 of each, with suitable steps taken to ensure the voltage for the alkalines starts under 15 volts. Perhaps using 9 cells plus a dummy cell for a short period at the start. If the alkalines beat the NiMH then I would try it with just 8 alkalines. The K1 can adjust for the declining voltage from the alkalines and keep the power output at 3 watts.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p>

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 4 Mar 2001 17:18:35 EST
From: K5BDZ@aol.com
To: qrp-1@lehigh.edu
Subject: [93201] Did you QRP homebrewers know..
Message-ID: <f6.7d5ce27.27d4193b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Did all you homebrewers know the CB VFO's you're passing up at hamfests have a wealth of parts!

i.e. the PAL CB VFO has a Jackson Bros double-bearing very high quality variable cap (appears to be silver), with anti-backlash spring loaded tooth gear drive that 's also driven by a Jackson Bros vernier...all mounted as a unit...takes 35 (un-huh...35 is right) turns of the "slo-turn" dial for the cap to be rotated it's full 180 degrees? It also has a 5.0 to 5.5 MHz VFO with MOSFET mixer and 16 MHz xtal HFO putting out the sum or diff...whatta deal!

The Siltronix VFO Model 80 is very similar.

I have 4 (FOUR!) to date...two of each. No they're not for sale.
Just wanted to tell all of you who passed them ahead of me at Flea Markets,
THANKS for making fun of CB and letting me buy them after you walked on
by...looking for obvious "Steals" on the tables.
Bill K5BDZ

Date: Sun, 4 Mar 2001 15:29:36 -0700
From: "Rod, N0RC" <n0rc@hotmail.com>
To: <wd3p@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [93202] Re: Another question about batteries for field use
Message-ID: <0E6v0YKpDS7hx27kBnc000026ca@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Larry, et.al.

----- Original Message -----
From: "Larry S Cahoon" <wd3p@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, March 04, 2001 3:05 PM
Subject: Re: Another question about batteries for field use

>
>
> On Sun, 04 Mar 2001 13:15:01 -0500 John Harper AE5X <ae5x@qsl.net>
> writes:
>
> (snip)
>
> > this is probably due to the fact that full charge voltage on NiMH
> > batteries is only around 1.2 volts, where an alkaline is 1.5
volts. So to make
> > 12 volts for a typical QRP rig, you'd need 2 more NiMH's (and
therefore
> > more weight) than if alkalines were used.
> >
>
..

> If you want to put the alkaline and NiMH batteries on the same
footing
> you are going to need 10 of each. Be careful though as the
Alkalines

Actually 8 NiMH cells are more than enough for Rigs like the NC40, DSW, SWL even the K1. 8 NiMH Cells provide several hours of operation for these rigs, running 1-2 Watts, which is about optimal for the supply voltage:

$$P_{out} \approx V_{batt}^2 / 50\Omega \text{ (ant)} \approx 10^2 / 50 \approx 2W$$

> What I'd really like to see is someone compare the useable life of NiMH
> and alkalines with something like the K1 with the power set at about 3
> watts. I'd go with 10 of each, with suitable steps taken to ensure the

I've not done extensive testing, but I have done some. I ran my K1 for about 1-2 hours listening and calling CQ. When done I measured the Vbatt (open circuit) when done the batts at 9.6Vdc.

FWIW I ran a DSW-40 from a fresh 9V batt for about 45 mins in a test I did last year. Frankly I was surprised it lasted that long.

Also, check the Elecraft archives, Wayne did some testing with the K1 and 8 NiMH batts not too long ago.

Hope that helps.

72/3 Rod, NØRC -- Fort Collins, CO

Date: Sun, 4 Mar 2001 15:36:24 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [93203] FOX: Results to date, more or less
Message-ID: <3AA260F8.13322.7C58B2@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Results after hunt 38 have been posted on the Foxhunt web site at <http://www.cqc.org/fox> .

Hunt 39 is already history, but I haven't seen the final log yet.

This week offers the LAST THREE hunts for the season, and Thursday's dual hunt should be a barn burner.

So far, ONE HOUND, N1LN, has managed to work every single fox. If you don't think that is an achievement, three hounds managed a perfect score in last summer's 20M hunt.

The Teams' competition is too close too call, and it won't be called until Bruce is adequately recuperated from his surgery, but unofficial results as at Hunt 38 show the Big Dawgs hanging onto a very tentative 2 point lead with the Bayou City Brass Pounders and the Houston Hounds tied for runner-up. A team can win or lose 15 points in the last three hunts, so it's going to be an interesting finish!

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Sun, 04 Mar 2001 17:35:56 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [93204] Re: QRP Cheating
Message-ID: <3AA2C34C.119C7A21@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> > >And there is a lot of PREVARICATION going on with 5 watts in the report

I dont think so...It is not uncommon for my neighbours in Mn,Mi, or Wi to be be 599 here in Thunder Bay.

When the bands are open, anything can happen, I run 5 watts max here from my QTH, and at times I even get surprised from the reports that I receive.

Then I ask what antenna is used at the other end of the QSO vs. mine,, any preamps or amps used at the other end...

To end it all, why dont we just remove our metres and just use our heads and ears to judge the signal.

A friend that I sponsor (VE3DZR), is a blind ham, and he makes all calls based on what he hears, and many of his calls are right on....

So, I guess that is my two cents worth, and if there are some out there who feel the need to creep the power up a bit, then I guess so be it.....

It is only themselves that they are cheating.

Fred
VE3FAL

Date: Mon, 05 Mar 2001 00:16:07 +0100
From: Johannes Hiller <HANNES@ulmnetz.de>
To: Low Power Amateur Radio Discussion <grp-l@Lehigh.EDU>
Subject: [93205] Mini-Paddle Page update
Message-ID: <3AA2CCB7.A1479A6A@ulmnetz.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

this is a note to inform everyone interested in the Mini-Paddle about the update of the homepage which has been done today.:

<http://www.ulmnetz.de/HANNES/Keyer.html>

brings you to the new version of this page and introduces our US distributing partner.

Thanks for reading this - 73 from Ulm, Germany

Hannes, DL9SC0

Date: Sun, 4 Mar 2001 23:34:17 -0000
From: "Richard Matthews" <prm@hiwaay.net>
To: "q" <qrp-l@Lehigh.edu>
Subject: [93206] PSK Beacon
Message-ID: <005001c0a503\$a232d860\$6f85150c@scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thought I would report on my short run PSK31 beacon test last night. I ran a 300 milliwatt PSK31 beacon on my FT-817 last night . .about an hour and a half on 20 meters and almost an hour on 40 meters. the 20 meter beacon was heard near full copy in OK, MN, and NH. The 40 meter warble was heard in MO but was mostly obscured by EU SSB contestors. The rig was feeding my new 80 meter fullwave loop and the 40 meter test was using the internal battery pack on the 817.

This is fun. Remember NJQRP club is selling a stand alone PSK beacon for \$15.00 . . ordered yours yet?

Thanks to those that heard the beacon and took time to email a report.

I also made my first 30 meter PSK31 contact this week.

If you're not warbling, why not?

73

Richard WA4NWW

End of QRP-L Digest 2116

